

# Eastern Arizona Amateur Radio Society

EST. 1974

[www.eaars.com](http://www.eaars.com)

INC.



[facebook.com/groups/eaars](https://facebook.com/groups/eaars)

Club Address: EAARS, PO Box 398, Solomon, AZ 85551



*December, 2019*

## JOIN EAARS on Facebook

EAARS has a presence on Facebook and you are invited to **JOIN** the page. This is a great media to quickly share news, photos and events that are EAARS related or might be interesting to the members. If you utilize "Notifications" on the EAARS Facebook page, you can receive club updates AS THEY HAPPEN.

To reach the page, please visit **facebook.com/groups/eaars** and **JOIN** the page. You must have a Facebook account to be part of the EAARS group.



## EAARS Open Repeaters

**PL 141.3** unless noted otherwise

**Echolink:** 614350 **IRLP:** 7787

**Heliograph Peak at Safford, AZ:**

146.860, 440.700 Linked

146.900, 447.8250 Not Linked

**Jacks Peak at Silver City, NM:**

145.210 Linked

**West Peak at Ft Thomas, AZ:**

145.350 Access to link to network

**Pinal Peak at Globe, AZ:**

145.410 Linked

**South Mt at Alpine, AZ:**

145.270 Linked

**Caballo Mt at TorC, NM:**

145.470 Linked

**Greens Peak at Show Low, AZ**

146.700 Linked

**Little Florida at Deming, NM:**

147.060 Linked

**Mule Mt at Bisbee, AZ:**

147.080 Linked

**Mt Lemmon at Tucson, AZ**

147.160 Linked

**Guthrie Peak at Clifton, AZ:**

147.280 Linked

# Gals on the Air!

**EST. June 2015**

Calling all Gals of any class ... Join us every Monday night for the  
**Gals Night Net @ 7:30 pm (AZ) on the EAARS system!**

## Upcoming Events

*Would You like to see your event posted for the membership to see?  
Email your information to [emberfire@cox.net](mailto:emberfire@cox.net).*

### 2019 Events

Dec 1 ..... Vail Mountain Bike Event ---- Greg W9GRG  
Dec 7 ..... Tucson Marathon ---- Jim KE7VJW

Did you know that you can see the Public Service Opportunities on [soazhamservice.net](http://soazhamservice.net)? The events are posted by dates and who leads them. If you are interested in participating or have any questions, please feel free to contact them.

### WEEKLY EAARS' NETS

#### **Every day:**

*Down Under Net - 4:15 am*

*Weather Net - 5:30 am*

*NTS Traffic Net - 6:30 pm*

#### **Sunday:**

*EAARS Net - 7:00 pm*

#### **Monday:**

*Gals Night Net - 7:30 pm*

#### **Wednesday:**

*Skywarn Net - During Monsoon, Every Wednesday at 7:30 pm,  
Off Season, every third Wednesday of month at 7:30 pm*

#### **Saturday:**

*ERC (Emergency Response Communications) Net - 7:45 am ,  
2nd Saturday of the month (20-25 min duration)*



# EAARS Officers and Staff

## Board Officers

President	Dave Wells	N7AM
Vice President	Dan Quaintance	AF7EF
Secretary/Treasurer	Larry Griggs	N5BG

## Staff

Site Trustee	Joe Montierth	K7JEM
Net Manager	Chris Buchanan	N7JND
Newsletter Editor	Angie Buchanan	N7EMB

## Net Control Operators

Rick W8YBM	1st Sunday
Angie N7EMB	2nd Sunday
Mike W7IJ	3rd Sunday
Chris N7JND	4th Sunday

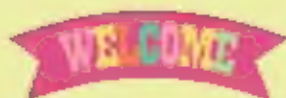
It is that time of year for the kiddos to tell Santa how they have been all year! Hope they have been Nice! Santa will hold the following two [2] nets for the kiddos to talk to him on the Air. You may send any info that you want Santa to know about your child to Angie at - [emberfire@cox.net](mailto:emberfire@cox.net). I will forward to Santa!



**Santa Hour Net**  
 Sunday, Dec 15 - 3:00pm  
 Sunday, Dec 22 - 1:00 pm

## New EAARS Members!

**KF7UFG Elmer**  
**KF7UBT LeDair**



**totally**  
**awesome**

# EAARS MEMBERSHIP DRIVE

## REMINDER:

EAARS dues renewal campaign is coming along fine, and thanks to the many members that have already renewed for the 2020 year. Remember that those renewing by December 15th will be entered into a drawing for a gift certificate at Ham Radio Outlet. This drawing will take place at our January 2020 meeting, and you DO NOT need be present to enter/win. Thanking all of you for your memberships in support of this system. We cannot do this without your support. **Merry Christmas to you all.**

**Dues are still 24.00 per year and can be paid as follows:**

### Check/Money order to:

EAARS  
PO BOX 398  
Solomon, AZ 85551



### Or Paypal:

[www.eaars.com/pay](http://www.eaars.com/pay)

**Be sure to enter your callsign and name in the boxes on the left.**

Your EAARS officers,  
Dave N7AM, Dan AF7EF, Larry N5BG

*EAARS would like to wish you and yours, a very ....*

**Merry  
Christmas**

*Be safe in your travels throughout the holidays!  
We will see you in 2020!*



## **A Big Thank You to El Tour Ham Radio Operators**

Submitted by: N7JND

The weekend before Thanksgiving weekend, the El Tour de Tucson bike race takes place. Being one of the larger events in Tucson, this bike race requires the support of many Ham Radio Operators that are stationed within four separate operating sectors labeled Sector 1 – Sector 4 through the Tucson metro area. Each sector has a "Sector Chief" that is responsible for the Ham Radio Operators located at aid stations throughout this 100+ mile long course. These Ham Radio Operators are all volunteers that give up the better part of a Saturday to provide radio communications back to the Communications room at the Pima County Office of Emergency Management where even more volunteer Ham Radio Operators are working multiple radios on different frequencies for each sector.

This is no easy task to organize. It actually starts months prior to the event. Cary Fishman – WB2BSJ heads up this operation by asking Hams to volunteer their time to work this event. Although the event has a large number of Hams that return year after year, new Hams are always encouraged to come onboard to cover aid stations throughout the course. Working these aid stations are always a lot of fun. If you haven't worked an event requiring Ham Radio Operators, you should consider it as it's a very rewarding part of Amateur Radio. Perimeter Bikes, who puts on this large event, is so thankful for the Ham Radio Operators who support their event. Perimeter absolutely believes that cell phones would NOT work in this event as many people need to be contacted near the same times. Imagine every time you wanted to contact an aid station, you would have to dial a phone number every single time. You would get tired of this very quickly which is why 2-way radio will ALWAYS be the best practice. Thank You to ALL the Ham Radios Operators in the field for your time and professionalism.



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Page 6***

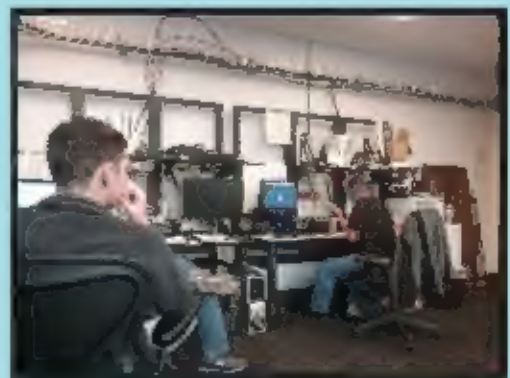
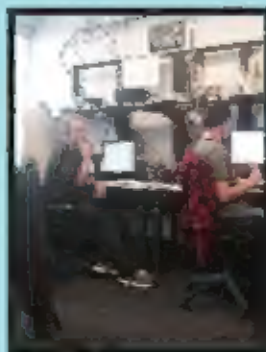
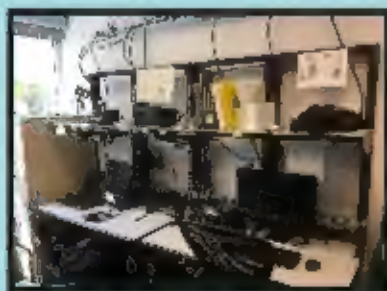


## A Big Thank You to El Tour Ham Radio Operators

*Continued from Page 5*

The other end of this operation is the EOC and the Radio Room both located PECOC. This is the hub of the whole operation where many Hams and other officials gather to oversee El Tour de Tucson. I will focus on the Radio Room where communications to the Hams in the field take place. The Radio Room is another area of the operation that is no easy task to setup and operate, headed up by COM-L Mike, W7IJ. Mike gathers some of the best well-seasoned Ham Radio Operators to take the positions of Net Control, SAG and other positions within the Radio Room. Keep in mind, there are 4 Sector stations, a few different races with different Start/Finish areas, SAG station, APRS/GPS screens and inter-building (Radio Room to EOC). This is where Headphones can quickly become your best friend, as it's not uncommon for 5 or more radio operators to be talking AT THE SAME TIME!!! Personally being one of the radio operators (Sector 1), I see firsthand, how professional the Ham Radio Operators in the Radio Room are.

In conclusion, the radio room has been called "The Dream Team". I would like to extend this name out to every single Ham Radio Operator that volunteers their time for this event. You ALL are appreciated so much and from one Ham to another and Perimeter Bike.... **Thank You!!!** If you have not volunteered for any community events, large or small, I encourage you to do so. It's fun, it's rewarding and you just might be part of helping someone in need. Watch your EAARS newsletter for upcoming events!



*Photos submitted by Scott K7ADX, Chris KI7DET and Chris N7JND.  
Thank you gentlemen for the awesome photos!*

## **ARRL Legislative Advocacy Committee Drafting New Bill Addressing Antenna Restrictions**

ARRL - 11/21/2019

The ARRL Board of Directors Legislative Advocacy Committee is in the process of drafting a new bill to address the issue of private land-use restrictions on amateur radio antennas. The proposed legislation would be the successor to the Amateur Radio Parity Act. The Legislative Advocacy Committee, chaired by Pacific Division

Director Jim Tiemstra, K6JAT, will report to the Board soon, once plans are fleshed out. Tiemstra told the ARRL Executive Committee (EC) on October 12 in Aurora, Colorado, that Advocacy Committee members have traveled to Washington to meet on multiple occasions with members of Congress and their staffs to inform them of the committee's plans.



ARRL Washington Counsel Dave Siddall, K3ZJ, told the EC last month that he understands the conditional exemption of amateur radio licensees from the RF exposure measurement requirements in the FCC's Part 97 Amateur Service rules is proposed to be removed. A Report and Order in FCC Docket WT 13-84 is making the rounds that, if adopted, would make amateur licensees subject to the same requirements as all other FCC licensees. The Report and Order is expected to be released before year's end.

Siddall also reported to the EC that the FCC is poised to address the 60-meter band amateur allocation adopted at World Radiocommunication Conference 2015 (WRC-15). The National Telecommunications and Information Administration (NTIA), on behalf of US government primary users of the band, has insisted that the maximum permitted power for radio amateurs must not exceed that agreed to at WRC-15 — 15 W effective isotropic radiated power (EIRP) or 9.1 W ERP — despite the fact that Canada has authorized its amateur licensees to use 100 W, and eliminate the current discrete channels, which ARRL's petition proposed to retain. NTIA oversees federal government frequency allocations and users.

Minutes of the October 12 Executive Committee meeting were posted this week on the ARRL website.



## Youth on the Air Camp Coming to the Americas

ARRL - 1/14/2019

The Electronic Applications Radio Service has announced that the first Youth On The Air (YOTA) camp in the United States will be taking place next June. Sponsors hope the camp will become an annual event.

The inaugural summer camp will take place June 21 – 26 at the National Voice of America Museum of Broadcasting in West Chester Township, Ohio. The West Chester Amateur Radio Association (WC8VOA) will host the event. Operating the camp will be Electronic Applications Radio Service, Inc. (EARS), a 501(c)(3) charitable organization dedicated to wireless technologies and activities.

According to the announcement, the camp will focus on building peer and mentor relationships and taking amateur radio “to the next level.” Campers will attend workshops and activities in multiple STEM-related subjects, such as radio contesting, electronic kit building, D-Star, APRS, satellite communication, antenna building, and radio direction finding and orienteering. A high-altitude balloon launch is also being planned. Campers will learn and exercise on-the-air skills at special event station W8Y.

Contributors include Icom America, Heil Sound Ltd., X-Tronic, and R&L Electronics. Major financial supporters so far include the ARRL Foundation, the Yasme Foundation, the World Wide Radio Operators Foundation, Orlando HamCation and Orlando Amateur Radio Club, the Northern California DX Foundation, Dayton Hamvention and the Dayton Amateur Radio Association, the Huntsville Hamfest, Southwest Ohio DX Association, Radio Amateurs of Canada, and Gary West, K8DEV, and Dee Dee West, KA8DXE.

**For more information, email Camp Director Neil Rapp, WB9VPG, or call (812) 327-0749.**

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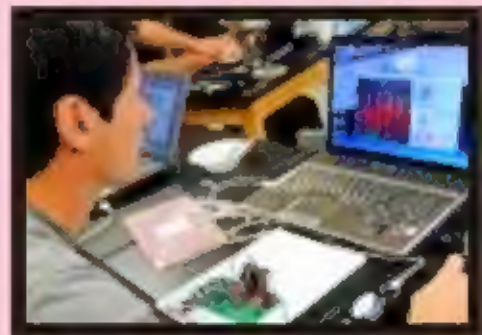
## ARRL Self-Guided Emergency Communication Course EC-001-S is Now Available On Demand

ARRL - 11/21/2019

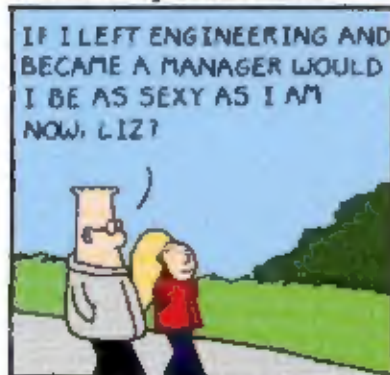
ARRL's EC-001-S online "Introduction to Emergency Communication" course is now available to students in an on-demand format, allowing students to register for the course and begin work at any time. This course is designed to provide basic knowledge and tools for any emergency communications volunteer.

In response to the great course demand and to expand access to EC-001, ARRL developed a self-guided version of the course, EC-001-S, which launched in June. This version of the course is designed for those who prefer to work independently and who do not need guidance from an online mentor. EC-001-S was previously offered only during specific sessions along with the traditional mentored version. The course opened for general enrollment on November 6.

Visit the [ARRL Online Course Registration page](#) for more information and to register.



**DILBERT® by Scott Adams**



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# Other Club Stuff

**RST holds FREE VE testing on the following dates, 7:00 pm at Hardesty Mid- Town Police Building, 1100 S Alvernon, Tucson.**

09-Dec-2019

The Kachina Amateur Radio Club is sponsoring a two-day review class to assist those planning to test for their Technician License on 7 December 2019.

The first half of the review will be held on Saturday, November 30, 2019 from 8am to noon. The second half will be on Sunday, December 1, 2019 from noon to 5pm. The review sessions will be conducted at the Solterra Senior Center, 5408 Hwy. 260 (White Mountain Blvd), Lakeside, AZ.

The Laurel VE Team, WM-VET, will be conducting license testing on Saturday, 7 December 2019, at 9:00 AM at that same location. Walk-Ins are welcomed, however, pre- registration is preferred. You can email the team at [VEtesting@cableone.net](mailto:VEtesting@cableone.net) to pre-register. Please include your name (the exact name used to create your FRN, if you have an FRN), license call (if you have one), and which license exam you wish to take. An acknowledgement will be emailed back to you.

At the test session, the following will be required: A government issued photo ID, your FCC Registration Number (FRN) if you have one OR your social security number, the original and a copy of any passed exam element credit (CSCE), and a copy of your current license if upgrading. The test session begins at 9:00 AM.

**Do you have any club news to share?  
It can be posted on this page.  
Send your info to Angie - [emberfire@cox.net](mailto:emberfire@cox.net).**



Cooking up  
Some Magic



# Old Fashion Rice Pudding

*Recipe Source: Cook's  
Country Magazine*

## Ingredients

6 cups whole milk, divided  
1/2 cup sugar  
1/2 teaspoon salt  
1/2 cup long grain white rice, I use a  
heaping half cup  
2 teaspoons vanilla extract  
ground cinnamon, optional



## Instructions

1. In a large saucepan, combine 5 1/2 cups milk, sugar, and salt. Bring to a boil over medium-high heat.
2. Stir in rice and reduce heat to low. Be sure to adjust the heat so that it is at a gentle simmer.
3. Stirring occasionally, cook for 50 to 60 minutes. Mixture should thicken up to consistency of yogurt.
4. Once thickened, remove from heat and stir in vanilla.
5. Let cool and then refrigerate. The last 1/2 cup milk is stirred in just before serving. Sprinkle with cinnamon if desired.

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cook